

ABSTRACT OF THE DISCLOSURE

A programmable electronic timer for measuring time based on linear or non-linear programmable functions comprising a display, a button keyboard pad, an electronic memory that contains the function definition and function parameters for each section of time, an electronic clock that generates equally spaced impulses, an arithmetic logical computation unit that converts equally spaced time impulses from the clock to linearly or non-linearly spaced time impulses, based on functions stored in memory, that are fed to the logical unit for transformation, and a start / stop button that switches modes from input mode to running mode and back.

A preferred embodiment includes a watch-like or a calculator-like body which can be programmed to help pace student efforts during a exams such as the SAT by displaying the current section number, the time within sections, and the question number that the student should be concentrating on.